

IFW16

RAW SEQUENCE LISTING DATE: 08/02/2004 PATENT APPLICATION: US/09/592,695D TIME: 10:58:57 Input Set : A:\Sequence Listing.txt Output Set: N:\CRF4\08022004\I592695D.raw 3 <110> APPLICANT: Cochran, Andrea G. Skelton, Nicholas J. Starovasnik, Melissa A. 7 <120> TITLE OF INVENTION: Structured Peptide Scaffold For Displaying Turn Libraries On Phage 10 <130> FILE REFERENCE: 11669.116USU1 12 <140> CURRENT APPLICATION NUMBER: US 09/592,695D 13 <141> CURRENT FILING DATE: 2000-06-13 (ps.6) 15 <150> PRIOR APPLICATION NUMBER: US 60/139,017 16 <151> PRIOR FILING DATE: 1999-06-14 18 <160> NUMBER OF SEQ ID NOS: 49 20 <210> SEQ ID NO: 1 21 <211> LENGTH: 18 22 <212> TYPE: PRT 23 <213> ORGANISM: Artificial Sequence 25 <220> FEATURE: 26 <223> OTHER INFORMATION: turn peptide 28 <220> FEATURE: 29 <221> NAME/KEY: UNSURE 30 <222> LOCATION: 2, 16 31 <223> OTHER INFORMATION: Xaa is Trp, Tyr, Phe, His, Ile, Val or Thr. 33 <220> FEATURE: 34 <221> NAME/KEY: UNSURE 35 <222> LOCATION: 3, 17 36 <223> OTHER INFORMATION: Xaa is Trp, Tyr, Phe, Leu, Met, Ile or Val. 38 <220> FEATURE: 39 <221> NAME/KEY: UNSURE 40 <222> LOCATION: 4-15 41 <223> OTHER INFORMATION: Xaa is a naturally occurring L-amino acid and 9 may be 43 <400> SEQUENCE: 1 47 <210> SEQ ID NO: 2 48 <211> LENGTH: 10 49 <212> TYPE: PRT 50 <213> ORGANISM: Artificial Sequence 52 <220> FEATURE: 53 <223> OTHER INFORMATION: turn peptide

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absent.

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125 <223> OTHER INFORMATION: turn peptide

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Input Set : A:\Sequence Listing.txt Output Set: N:\CRF4\08022004\1592695D.raw 257 <220> FEATURE: 258 <221> NAME/KEY: UNSURE 259 <222> LOCATION: 3 260 <223> OTHER INFORMATION: Xaa is Trp, Tyr, Leu, Val, Thr or Asp. 262 <220> FEATURE: 263 <221> NAME/KEY: UNSURE 264 <222> LOCATION: 5 265 <223> OTHER INFORMATION: Pro is D-Pro. 267 <400> SEQUENCE: 18 W--> 268 Cys Thr Xaa Glu Pro Asn Lys Leu Thr Cys 269 1 271 <210> SEQ ID NO: 19 272 <211> LENGTH: 10 273 <212> TYPE: PRT 274 <213> ORGANISM: Artificial Sequence 276 <220> FEATURE: 277 <223> OTHER INFORMATION: turn peptide 279 <220> FEATURE: 280 <221> NAME/KEY: UNSURE 281 <222> LOCATION: 3 282 <223> OTHER INFORMATION: Xaa is Trp, Tyr, Leu, Val, Thr or Asp. 284 <220> FEATURE: 285 <221> NAME/KEY: UNSURE 286 <222> LOCATION: 5 287 <223> OTHER INFORMATION: Pro is D-Pro. 289 <400> SEQUENCE: 19 W--> 290 Cys Thr Xaa Glu Pro Gly Lys Leu Thr Cys 291 1 293 <210> SEQ ID NO: 20 294 <211> LENGTH: 10 295 <212> TYPE: PRT 296 <213> ORGANISM: Artificial Sequence 298 <220> FEATURE: 299 <223> OTHER INFORMATION: turn peptide 301 <220> FEATURE: 302 <221> NAME/KEY: UNSURE 303 <222> LOCATION: 3 304 <223> OTHER INFORMATION: Xaa is Trp, Tyr, Phe, Leu, Met, Ile, Val or Ala. 306 <400> SEQUENCE: 20 W--> 307 Cys Thr Xaa Glu Gly Asn Lys Leu Thr Cys 308 1 310 <210> SEQ ID NO: 21 311 <211> LENGTH: 10 312 <212> TYPE: PRT 313 <213> ORGANISM: Artificial Sequence 315 <220> FEATURE: 316 <223> OTHER INFORMATION: turn peptide 318 <220> FEATURE: 319 <221> NAME/KEY: UNSURE

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:16; Xaa Pos. 3
Seq#:17; Xaa Pos. 3
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Seq#:18; Xaa Pos. 3
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Seq#:21; Xaa Pos. 8
Seq#:22; Xaa Pos. 3
Seq#:23; Xaa Pos. 8
Seq#:25; N Pos. 19,20,31,32,34,35,37,38,40,41,52,53
Seq#:32; Xaa Pos. 6,8
Seq#:42; Xaa Pos. 7,8
Seq#:43; Xaa Pos. 2,5
Seq#:49; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:49; Line(s) 713

VERIFICATION SUMMARY

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L:485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
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L:644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
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L:748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:76
L:751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:95
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L:754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:114